



AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

Claims 1-8. (Canceled)

Claim 9 (Currently Amended): A method for producing functional film, comprising:

applying a coating liquid having functional microparticulates dispersed therein onto a support, thereby forming a microparticulate-containing coating,

drying the microparticulate-containing coating,

compressing the microparticulate-containing coating at a temperature of 15 to 40°C,

thereby forming a functional film comprising a compressed microparticulate-containing layer, and

transferring the functional film onto another support;

~~wherein the compressed microparticulate-containing layer does not have cracks even when drawn 10%~~ wherein the compressed microparticulate-containing layer does not have cracks and is capable of being drawn 10% without forming cracks; and

wherein the compressed microparticulate-containing layer does not comprise a resin as a binder.

Claim 10 (Previously Presented): The method according to claim 9, wherein said functional film before said transferring has a film strength as measured by a 90° peel test of at least 6 N/12 mm.

Claim 11 (Previously Presented): The method according to claim 9, further comprising forming an adhesive layer on said functional film before said transferring of said functional film to another support.

Claim 12 (Previously Presented): The method according to claim 9, wherein said other support to which the functional film is transferred comprises a member selected from the group consisting of a glass, a resin, and a ceramic.

Claim 13 (Canceled):

Claim 14 (Previously Presented) The method according to claim 9, wherein said microparticulate-containing layer is at least one selected from the group consisting of a conductive film, magnetic film, ferromagnetic film, dielectric film, ferroelectric film, electrochromic film, electroluminescent film, insulating film, light-absorbing film, selective light-absorbing film, reflective film, anti-reflection film, catalyst film and photocatalyst film.

Claim 15 (Previously Presented) The method according to claim 9, wherein said microparticulates are conductive.

Claim 16 (Previously Presented) The method according to claim 15, wherein said conductive microparticulates comprise at least one component selected from the group consisting of tin oxide, indium oxide, zinc oxide, cadmium oxide, antimony-doped tin oxide, fluorine-doped tin oxide, tin-doped indium oxide and aluminum-doped zinc oxide.

Claim 17 (Previously Presented) The method according to claim 9, wherein said functional microparticulates have an average primary particle diameter of up to 10 μm .

Claim 18 (Currently Amended): A method for producing a functional film, comprising:

applying a coating liquid having functional microparticulates dispersed therein onto a support, thereby forming a microparticulate-containing coating,

drying the microparticulate-containing coating,

compressing the microparticulate-containing coating at a temperature of 15 to 40°C thereby forming a functional film comprising a compressed microparticulate-containing layer, and

transferring the functional film onto another support;

~~wherein the compressed microparticulate-containing layer exhibits a surface resistivity after being drawn 10% which is at most 10 times greater than the surface resistivity prior to drawing~~ wherein the compressed microparticulate-containing layer is capable of being drawn 10% and in a 10% drawn state exhibits a surface resistivity which is at most 10 times greater than the surface resistivity prior to drawing; and

wherein the compressed microparticulate-containing layer does not comprise a resin as a binder.

Claim 19 (Previously Presented): The method according to claim 18, wherein said functional film before said transferring has a film strength as measured by a 90° peel test of at least 6 N/12 mm.

Claim 20 (Previously Presented): The method according to claim 18, further comprising forming an adhesive layer on said functional film before said transferring of said functional film to another support.

Claim 21 (Previously Presented): The method according to claim 18, wherein said other support to which the functional film is transferred comprises a member selected from the group consisting of a glass, a resin, and a ceramic.

Claim 22 (Canceled):

Claim 23 (Previously Presented) The method according to claim 18, wherein said microparticulate-containing layer is at least one selected from the group consisting of a conductive film, magnetic film, ferromagnetic film, dielectric film, ferroelectric film, electrochromic film, electroluminescent film, insulating film, light-absorbing film, selective light-absorbing film, reflective film, anti-reflection film, catalyst film and photocatalyst film.

Claim 24 (Previously Presented) The method according to claim 18, wherein said conductive microparticulates comprise at least one component selected from the group consisting of tin oxide, indium oxide, zinc oxide, cadmium oxide, antimony-doped tin oxide, fluorine-doped tin oxide, tin-doped indium oxide and aluminum-doped zinc oxide.

Claim 25 (Previously Presented) The method according to claim 18, wherein said functional microparticulates have an average primary particle diameter of up to 10 μm .

Application No.: 10/614,518
Reply to Office Action of: July 10, 2006

BASIS FOR THE AMENDMENT

Claims 9 and 18 have been amended as supported by the claims and specification as originally filed.

No new matter is believed to have been added by entry of this amendment. Entry and favorable reconsideration are respectfully requested.

Upon entry of this amendment Claims 9-25 will now be active in this application.